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PATENT

FEB 22 2006

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of: )  
Tamer Kadous ) For: DATA TRANSMISSION WITH  
Serial No. 10/624,241 ) NON-UNIFORM DISTRIBUTION  
Examiner: Emmanuel Bayard ) OF DATA RATES FOR A  
Filed: July 21, 2003 ) MULTIPLE-INPUT MULTIPLE  
Group No. 2631 ) OUTPUT (MIMO) SYSTEM

RESPONSE TO OFFICE ACTION

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Commissioner:

In response to the final Office Action dated October 24, 2005, please make the following amendments and consider the following remarks in the above-identified application. Applicants hereby file a Request for Continued Examination (RCE) as set forth in 37 CFR 1.114 to respond to the Office Action.

Claim Amendments begin on page 2 of this paper.

Remarks begin on page 8 of this paper.

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CERTIFICATE OF MAILING/TRANSMISSION (37 CFR 1.8(a))

I hereby certify that this correspondence is, on the date shown below, being:

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Depositor's Name: Kate Lane  
(type or print name)

Date: February 22, 2006

Signature: 

Attorney Docket No.: 020192C1  
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